

February 4, 1983

Memo to File:

RE: Inspection of Radium King Mine  
Atlas Minerals  
ACT/037/007  
San Juan County, Utah

The Division was required to perform a two year inspection of the above-mentioned mine as directed by Rule M-7. The mine, currently in suspension since December 5, 1980, was inspected by Tom Tetting and Wayne Hedberg along with Ricky Broschat from Atlas on January 19, 1983. Access is via Highway 95 to Fry Canyon. The turnoff south to the end of the canyon veers southwest and up the cliffs past EFN's Hillside Complex. This road winds up past the Tables of the Sun on the north side and runs southwest for about 10 miles towards Red Canyon. The minesite and camp is large enough that it is easily recognized from the facilities maps.

The mine area is essentially divided into three sections; West Channel, East Channel and the NW Vent Shaft areas.

The East Channel area is characterized by the waste water lagoon site, a decaying collection of partially vandalized shacks, shops and sheds, the trashed out main drainage channel, the decline and waste dumps. Trash, i.e., scrap metal, car bodies, waste material, tires, etc., was collected from the site during Atlas' occupation (see memo dated September 26, 1977) and consolidated within the drainage. It is currently being washed down canyon and is becoming scattered. Waste rock from the dump area is washing down canyon from where it was sidecast. The waste rock area and central pad is draining into the East Channel decline. The portal is fenced.

The West Channel area is composed of the decline and main pad area, a vent shaft area and a small impounded drainage used as a pond. The vent shaft is unfenced and the surrounding area is littered with scrap. The overflow culvert from the pond is crushed. A small structure in a dilapidated condition exists on the edge of the West Channel pad. The portal is fenced.

The NE Vent Shaft areas are just off of the access road and are composed of small pads connected by a highly eroded road. Old car bodies, trash and scrap are piled haphazardly. Two water tanks exist along with three open vent shafts. Two small sheds also populate the area. The vent shafts may have provided access to the mine at one time.

Recommendations which have been made to Atlas for interim reclamation in the letter of January 26, 1983 are as follows:

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1. The upper west channel pond culvert should be repaired or an overflow drainage provided.
2. All adits, portals and shafts should be made inaccessible. Surface drainage should be routed away from the decline at the central east channel surface facilities area.
3. Trash (e.g., scrap metal, car bodies, tires, cans, etc.) located in the drainages should be removed from the drainages and consolidated.

THOMAS N. TETTING  
ENGINEERING GEOLOGIST

TNT/btb